# EXHIBIT 43

#### Case 1:16-cv-00375-FPG-JJM Document 95-43 Filed 03/25/19 Page 2 of 13



Document title: Barrons/Lipper Fund Family Ranking: Dressing Up 2014 -

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BARRON'S COVER

#### **Dressing Up 2014**

After a dismal year for active management, Vanguard takes No. 1 spot in the Berron's/Lipper Rankings.



Best Fund Families in 5 Yr and 10 Yr Ranking

The worst year for active management led to a pretty unusual showing for 2014's \*\*Barrom's/Lipper Fund Family Ranking. We'll cut to the chase: Vanguard tops the list — but not for the reason you might think. The Vanguard Group, with two-thirds of its \$3.1 trillion in assets under management in index funds, was surely helped by its large devotion to matching market returns in a year in which most active managers struggled to outperform. But the \$1 trillion the firm has in actively managed funds truly shined. (And that 3) trillion is more than 63 of the 65 families on this list have in all of their funds, combined.)

Vanguard's largest actively managed offering, the \$88 billion <u>Vanguard Wellington</u> (ticker: VWELX), returned 9.8%, beating 86% of its peers. Overall, 11 of the firm's 24 actively managed funds in this survey topped their benchmarks — much better than the typical U.S. actively managed stock fund.

Even so, Vanguard's index funds did better, on average than its actively managed funds. The index funds and exchange-traded funds included in this survey finished in the 72nd percentile of their respective Lipper categories, while the active funds placed in the 68th. (In these rankings, the 100th percentile is the best, and the first is the worst.)

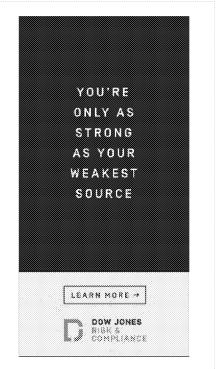


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"All of the planets lined up for Vanguard in 2014, no question," says Daniel P. Wiener, who writes a morably newsletter about the Malvern, Pa., asset manager and produces an annual review of its performance.

Three of the top six finishers in the annual fund-family ranking have a big focus on passive investments, including exchange-traded funds, <u>irrvesco</u> (IVZ), which has nearly a fifth of its assets in its PowerShares ETFs and index mutual funds, ranked third. BlackBook (BLK), the largest asset manager in the world, came in sixth, no doubt helped by its sprawling \$1 trition iShares ETF franchise.

That Vanguard did so well in the one-year ranking isn't surprising, considering that



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second half of the year.

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only 20% of U.S. actively managed stock funds beat their benchmarks in 2014, versus 45% the year before, according to Morningstar. With equity valuations stretched, it was Bottoms Up! Heds 08/25/19 Imports Buoyed by U.S. Dollar

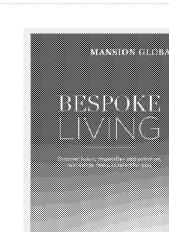


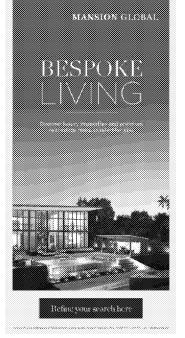
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GOOD PERFORMANCE in the U.S. equity category was very important. Our rankings are asset-weighted, which means a firm's largest funds contribute the most to its overall standing. Domestic stocks account for 40% of assets in the one-year survey - by far the biggest weighting. Vanguard finished third in that category; BlackRock and Invesco came in sixth and 19th, respectively. All were helped by large, broad-market funds, including the \$390 billion Vanguard Total Stock Market Index. (VITSX) and its \$52 billion ETF counterpart (VTI); BlackRock's iShares MSCLEAFE ETF (EFA), that firm's third-targest retail fund with \$53.5 billion in assets, and Invesco's largest fund, the \$37 billion FowerShares OQQ (QQQ), which tracks the Nasdaq 100 index. S&P 500 index funds

difficult for many fund managers to match their bogeys, much less exceed them. Although

certain sectors had good returns, including technology, utilities, and health care, the

ceturns in other parts of the market - notably consumer discretionary, materials, and industrials -- were more muted. And energy's dismal decline eroded many gains in the

The other categories are world equity, with a weighting of 15.9%; mixed funds, such as target-date, belanced, and other asset-allocation funds, 19.2%, taxable bonds, 21.5%; and tax-exempt bonds, 3,4%

Rounding out the top six are three firms that are far from household names in the U.S. fend woold.

BMO Global Asset Management, which is part of Bank of Montreal (BMO), came in second, its U.S. retail mutual funds, which oversee \$14 billion in assets, were helped by finishing second in world equities and fifth in taxable bonds

#### How We Rank The Fund Families

To qualify for the

Each fund's returns are adjusted for 12b-1 fees, which are used for marketing and distribution expenses. Funds typically factor these into returns, to better reflect what investors would see ofter those promote fees have been deducted. But our aim is to measure the manager's skill. uncomplicated by expenses. Fund loads is ales charges, aren't included in the calculation of returns, either.

Each fund's performance is measured against those of all funds in its Linner category (such as small villia). That limbs to a percentile ranking, with 100 the highest and one the lowest, which is then weighted by asset size, catalive to the fund family's other assers in its general classification. If a tamily's biggest funds do well, that boods lite overall ranking; poor parformance in the biggest funds burts a firm's ranking. Finally, the score is multiplied by the weighting of its general classification, as determined by the entre Lipper universe of funds. The ostegory weightings for the one-year results; general equity, 40%; world equity, 15,9%; mixed asset, 19.2%; taxable bond, 21.6%; and tax-exempt hand, 3.4%. The category weightings for the fivevest results; general equity 41%, world equity 15.5%; mb ed assat, 19.2%; taxable bonds; 20,7%, and tax-exempt bonds, 3,6%. The category weightings for the 10-year results: general equity, 45.2%; world equity, 13.6%; mixed asset, 17.5%; taxable bonds, 19.5%, and tax-exemptionnds, 4.1%.

The scening. Say a fund in the general U.S. equity category tree \$500 million in assets, succurating for half of it parent assets in that category, its ranking is the 75th percentile. The first calculation would be 75 times 0.50, which comes to 37.5. That occurs is then multiplied by 40%, general equity's overall weighting in Lipper's universe. So it would be 37.5 times 0.4. which ocuse 15. Smilar calculations are done for each fund in our study. Then, all the numbers are added up. The shop with the highest lotal score wins, both for every catagory and overall The same process is repeated for the live- and 10-year rankings, hasas on that weightings

SEI Group, part of the financial-services company SEI Investments (SEIC), based in Oaks, Pal, ranked fourth, It was 13th in the all-important U.S. equity category -thanks in part to the SEI Large Cap Disciplined Equity fund (SCPAX), which cuspaced 73% of its Lipper peers by returning 13.2% last year. SEI also came in seventh in the taxable-bond category. The firm has \$117 billion in 50 mutual funds, but its legacy business is providing back-office services, such as record-keeping, to private banks and other institutions.

Coming in fifth was Principal Funds, part of Principal Financial Group (PFG), an insurer and asset manager based in Des Moines, lows. It has a big focus on the retrement market, including target-date retirement funds. Principal turned in a strong showing across the board, placing in the top third or better in all five cateogries

#### NEITHER SELNOR BMO had

distinguished themselves in the recent oneyear rankings. BIVIO finished 61st in 2013 -three spots from the bottom -- and 34th in 2012. Last year, Barron's pointed out some of the BMO funds' shortcomings, noting that several of its bigger stock funds badly trailed their peers. One of those funds, \$304 million <u>BIVIO Large Cap Growth</u> (MLCIX), had a much better year this time around. With a total return of 14.5% in 2014. the portfolio placed in the top 10% of its category, helped by a larger-than-average helping of technology and health-care companies, and few energy stocks

\*Our focus is on finding sound, high-quality securities, and we have done that for over

a decade," says Barry McInemey, the co-CEO of BMO Global Asset Management, who oversees the firm's U.S. fund business. That came through stronger in 2014." BMO didn't have the requisite funds to qualify for the five- or 10-year rankings.

SEI, fourth in the rankings, finished a disappointing 46th in 2013 and 44th in 2012, but its

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Document title: Barrons/Lipper Fund Family Ranking: Dressing Up 2014 - Barron's Capture URL: http://www.barrons.com/articles/barrons-lipper-fund-family-ranking-dressing-up-2014-1423295941 securities, and we have done that for over

Case 1:16-cv-00375-FPG-JJM--Document 95-43 oversees the firm's U.S. fund business. "That came through stronger in 2014" BMO didn't have the requisite funds to qualify for the five- or 10-year rankings.

SEL fourth in the rankings, finished a disappointing 46th in 2013 and 44th in 2012, but its five-year ranking has been improving. It was 31st among 56 firms this time, versus 41st in 2013 and 49th in 2012. The latest showing didn't move the needle much for SEI's 10-year return, which was 44th, four spots from the bottom

"Most people were positioned for some growth," says Kevin Barr, who heads SEFs investment-management business. "But what actually performed in 2014 was moredefensive sectors," such as health care and utilities, he adds

Among the funds that helped botster the shop's performance was SELTax-Managed Visiatility (TMMAX), which cutstripped 97% of its Lipper peers last year, with a total return of 16.2%, its holdings included Johnson & Johnson (JNJ), which returned 17.3%, and the New York-area utility Consolidated Edison (ED), 24.8%.

Unlike SMO and SEI, which have bounced around in the rankings, Principal has played a steadier hand. Though it did come in 43rd in the previous one-year table, it placed 11th the year before that, and its five-year showing has been improving steadily; ninth in 2014, 27th in 2013, and 34th in 2012. Its 10-year ranking was a solid No. 20 -- a top-half finish. "Our focus tends to be as much on three- and five-year returns, as it is on one-year returns," says Nora Everett, the president and CEO of Principal Funds

The \$9.6 billion Principal MidCap (PEMGX), which finished in the top quartile of its peer group with a total return of 12.6%, helped Principal's ranking.

THE REMAINING FIRMS in the top 19 of the one-year ranking are familiar names, all but one of which cose from the bottom half. That was Goldman Sachs Assel Management which placed at No. 7, up from 21 a year earlier, its good 2014 performance was propelled by a first-place showing in U.S. stock funds.

No. 9 American Century Investment Management, which rose all the way from 56th in our 2013 ranking, was helped by good marks in U.S. stocks and mixed-asset funds

No. 9 was UBS Global Asset Management - 38th a year earlier - thanks in part to strong results in world stocks

And Legg Mason (LM) came in 16th, up from 42nd. Though stocks have the heaviest weighting in our ranking, a great performance in fixed income helped Legg Mason crack the top 10. A laggard last year at No. 42, it did especially well this time, thanks to its gremier band shop. Western Asset Management, and to fixed-income funds run by Brandywine, Legg was No. 2 in taxable bonds and 19th in tax-free bonds. Equities -primarily managed by Legg's ClearBridge and Brandywine affiliates - weren't nearly as strong: Legg was 38th in U.S. stocks and 41st in world stocks.

A key bond trade for the firm was to overweight long-term Treasuries and to underweight short-term paper. "A tot of people thought 30-year bonds would do worse when the Fed stopped buying [them], but we thought short-term Treasuries would do worse" last year, says Kenneth Leech, a portfolio manager and chief investment officer at Western Asset Management. That wasn't Western's only good call, but it nicely boosted the firm's taxable fixed-income funds, especially with rates sliding at the longer end of the curve

Legg ranked 22nd in the five-year results, a top-half showing, albeit down from its 11thplace finish last year

WE CAN'T TALK ABOUT fund families in 2014 without mentioning Pimco, which started the year with the abrupt departure of its CEO, Mohamed El-Erian, and ended it with the even more abrupt departure of co-founder Bill Gross. Throughout the turbulent year, the from was beset by outflows and performance woes. The \$143 billion Pimco Total Return fund (PTTAX), which Gross helmed for many years, gained 4.5%, leaving it behind 72% of its Lipper peers. Overall, the firm came in a middling 29th in taxable bonds and 47th in awaicipals.

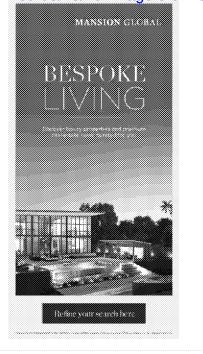
Remarkably, however, Pimco's ranking climbed all the way to 13th, up from 54th a year earlier, thanks to a very good showing in stocks - fourth in the U.S. category and 13th in world equities

Pimod's stock funds, which account for just a sliver of its assets under management --\$55 billion of \$1.7 trillion - aren't out from the traditional mold of large-company value or small-company growth. Take one of its top performers, the Pimco EMG International LowVol RAFI-PEUS Absolute Return (PLVLX): The \$4.6 billion fund uses derivatives to get exposure to the index after which it is named, combining that with fixed-income holdings to damp volatility. With a return last year of 0.32%, it outdid more than threequarters of its Lipper peers in the emerging-market stock category.

its recent struggles notwithstanding, Pimco claimed No. 1 in our five-year ranking.

Next up was Waddelf & Reed Investment Management, Invesco, Ivy Investment Management (a sister firm of Waddelf's), and T. Rowe Price Group (TROW).

Filed 03/25/19 Page 5 of 13



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#### Case 1:16-cv-00375-FPG-JJM Document 95-43 Filed 03/25/19 Page 6 of 13 its recent struggles nowithstanding, Pimco claimed No. 1 in our five-year ranking

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THERE WERE A FEW CHANGES to the composition of this year's list. Charles Schwab (SCHW), which finished 18th in 2013, wasn't included in this year's rankings. The amount of assets for its tax-exempt bond fund wasn't in Lipper's system when the survey was run, according to Lipper. Lazard Asset Management, No. 58 last time, had a tax-exempt fund reclassified into another category, so it didn't make it this time, either, says Lipper. To qualify for this survey, a fund shop must have at least one tax-exempt bond fund

Three newcomers joined the list: Victory Capital Management, a condomeration of boutique managers, which came in 15th: Brown Advisory Funds, formerly part of Alex Brown & Bons, at No. 25, and SIT investment Associates, which placed 39th

ON TO THE DOWN SIDE: While the top of 2013's list was similar to 2012's, volatility ruled in 2014. None of the top 10 of 2013 were in that elite group last year. The closest was Lord Abbett, which came in 11th, down from fourth on our 2013 list

Those falling out of the top 10 included T. Rowe Price. Though a consistently highperformer, T. Rowe went from sevents in 2013 (and eighth the year before) to 18th in 2014. Hartford Funds went from eighth to 20th, with an especially good showing in taxable bonds (56th out of 65), and MFS investment Management went from 10th to 41st, ending a two-year streak in which it had placed in the top 10. The Boston asset manager saruggled in U.S. equilies, finishing 59th. On the plus side, MFS placed 13th on the fiveyear list and fifth in the 10-year ranking

NATIXIS GLOBAL Asset Management, last year's top finisher, left to 36th. Because it didn't meet all of the requirements for ranking in terms of its fund lineup in 2012, it doesn't show up in the five- and 10-year rankings. The Boston and Paris firm, which owns a group of bossique managers, such as Harris Associates in Chicago and Loomis Sayles in Beantown, was hampered by medicore results in U.S. stocks (No. 30) and weak finishes in world equities (No. 51) and taxable bonds (No. 52)

For example, its Oakmark fund (OAKMX), run by longtime value managers Sill Nygren and Kevin Grant, returned 11,5% in 2014, far from a terrible result -- but it did trail the 13.7% of the Standard & Poor's 500, placing the fund in the bottom half of its category. Because the \$17.7 billion fund holds such a large chunk of Natixis' overall U.S. stock-fund assets, it impeded the firm's overall ranking.

PUTNAM INVESTMENT MANAGEMENT, which topped our calendar-2012 ranking, slipped from second place in 2013 to 33rd this time around, despite a solid result in U.S. equities, where it placed 18th, and a super performance in mixed-asset funds (No. 2). Yet all of that was undone by very weak showings in taxable bonds, where it finished near the bottom (No. 58) and tax-exempt bonds (No. 45). Putnam came in sixth in the five-year ranking, down from second last year. The Boston outfit climbed two places in the 10-year table, placing 30th among 48 fund families.

Waddelf & Reed had one of the worst stumbles, dropping from No. 5 all the way to 50th, plagued by problems in two of its largest offenings -- Waddell & Reed Asset Strategy (UNASX) and Wardell & amp: Read High Income (UNHIX). Both had high-profile manager departures; the Asset Strategy fund, which had outflows, performed poorly.

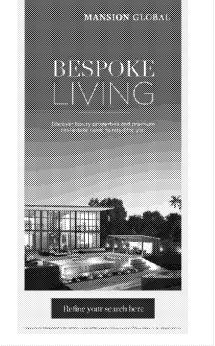
Launched in 1995, Waddelf & Reed Asset Strategy, which has a go-anywhere mandate across stocks, bonds, commodities, and cash, has been a strong performer. The \$3.3 billion fund had a lousy 2014, however, down 5%, trailing nearly 90% of its peers.

it "definitely had a disappointing year," observes Henry Remmano, the CEO of parent company Waddell & Reed Financial (WDR), "It was too defensive." The fund didn't have enough stocks, he adds, and had too large an altocation to Chinese companies. Likewise, try Investment Management, whose fund lineup is similar to Waddelf's, saw its ranking plummet from 11th to 43rd for the same reasons. However, despite their 2014 showings, Waddelf & Reed came in second over five years and first over 10, while by was fourth

DIMENSIONAL FUND ADVISORS has a strong long-term record, 10th in the five-year ranking. It did dismally on the one-year scorecard, dropping from sixth in 2013 to 60th, including a weeful 54th in U.S. stocks.

Though often regarded as a passive shop, DFA uses fundamental factors such as priceto-book ratios to help construct its portfolios. One of the underplanings of its investment philosophy is the conviction that, over time, small companies outperform large ones, and value does better than growth. But "the volatility of these [return] premiums can be quite high," says Bhanu Singh, a portfolio manager at DFA. "While they are there longterm, in a given year they can be negative \* And 2014 was one of those years.

Another factor was that in many of its funds, DFA excludes real estate investment trusts and highly regulated utilities, both of which performed well last year. "Those two categories end and in deliver the full equity aremitim? more langer periods.



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Another factor was that in many of its funds, DFA excludes real estate investment trusts and highly regulated utilities, both of which performed well last year. "Those two categories lend not to deliver the full equity premium" over longer periods, says Singh, in other words, they don't fit the long-term profile that DFA wants for stocks.

A FIRM WITH an especially volable ranking history in recent years is MainStay Funds. Ranked 58th line time, the group was 28th in 2013 and 56th the year before that. That parity reflects the uneven returns of \$8 billion <u>MainStay Warketfield</u> (MFADX).

The fund more than tripled in size after MainStay took it over in 2012, passing \$19.3 billion and returning 18.6% in 2013. But last year, it was down 13.3%, surpassed by 98% of its peers in Lipper's alternative global macro funds category. Ouch!

#### William McNabb III

Vanguard may be synonymous with indexing, but about half of its funds and a third of its assets are actively managed — and doing very well.



Exhibit A: Variousid Printersip (VPMCX), a \$48 billion fund that finished at the top of Lipper is large-cap core equity category. Closed to new investors, the fund notched a total return last year of 18.7%, well ahead of the 13.7% of the Standard & Poor's 500

The Primecap team has been subadvising the fund for 31 years, and in that time has handily beaten the S&P 500. Most of Vanguard's active funds are run by external

asset managers; the list is a who's who of premier value shops, hedge funds, and other asset managers such as Wellington, D.E. Shaw, Lazard, and Marathon.

In keeping with the firm's cost-conscious approach to, well, everything, these big-name managers don't come with big price tags. Cost is perhaps the biggest reason more active managers don't beat their benchmark, and Vanguard's actively managed funds "typically have a pretty big tail wind from the cost side," says William McNabb IB, Vanguard's CEO since 2008. Primecap's investor share class has an expense ratio of 0.44%, a fraction of the 1,23% average costs of its peers, according to Morningstor.

"High-cost active is dead," says McNabb, 57, who began his career at the company 30 years ago in its then-nascent 401(k) business. "There can be a place for active portfolio management in people's portfolios, but if you're a high-cost manager, it's going to be very difficult to compete."

Variguard is not publicly traded or family-owned, the firm is essentially owned by its fund shareholders, and profits go directly to benefit them, rather than corporate owners keeping costs low.

On McNobbi's watch, Vanguard has more than doubled its assets, it now manages \$3.1 trillion, versus \$1.3 trillion at the end of 2008. The firm's stellar active funds notwithstanding, passive investing is what's driving Vanguard's growth. Traditional index funds had net inflows of \$125 billion last year, plus another \$75 billion into ETFs, and \$15 billion for active funds.

Although Vanguard did come in No. 2 in our 2011 ranking, it has typically finished in the middle of the pack — 36th last year and 31st in 2012 — not surprising for a firm that's so heavily geared roward indexing. It has accoulted itself well in the longer-term rankings — coming in 11th out of 56 firms in the five-year survey, and 10th in the 10-year, besting 39 others.

VANGUARD DOESN'T CHURN OUT new funds to capitalize on the latest trend. McNabb's focus, true to his beginnings with the firm, is on ensuring that investors can save enough to retire, and get the advice they need along the way. He's worried that Social Security won't cover retirement expenses for enough people, and wants to see simpler regulations that would allow more smaller businesses to set up retirement plans

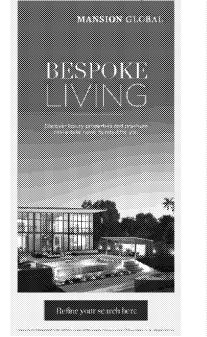
Vanguard also plans to move more into financial planning. "Investors are increasingly asking us for more help managing their portfolios," McNabb søys. The firm has recently expanded its advisory business. A pilot program, Vanguard Personal Advisory Services, has amassed more than \$5 billion of assets, up from \$755 million at the end of 2013. Vanguard has been offering portfolio-management advice to denis with more than \$500,000 since 1996; this new program gives customers with any size account balance access to a personal advisor who will provide a financial plan and continuing portfolio management. People with \$100,000 at Vanguard will gay just 0.3% for the advisory services.

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\$500,000 since 1993, this new grogram gives costomers with any size account balance Case 4:16-cv-00375-FPG-JJM-Document 95-43 Filed 03/25/19 Page 8 of 13

management. People with \$100,000 at Vanguard will pay just 0.3% for the advisory services

-- L.C.S.

#### Barry McInerney

BMO Asset Management, part of the Bank of Montreal, is hardly a household name in the U.S. in fact, you're probably reading the name as 8-W-O, but those in the know refer to the company as "Seemo."



SMO has \$60 billion under management in the U.S., with a fairly standard retail-fund. lineup of 45 funds with total assets of just \$14 billion -- smaller than many individual funds run by Vanguard or Fidelity

The firm is determined to increase its U.S. business; it acquired Marshall & listey, a Wisconsin bank, in 2011. With that purchase came 20 U.S.-listed mutual funds. Although the asset manager had a

small presence here before then, that deal "gave us a platform in the U.S.," says Barry McInemey, 51, the co-CEO of BMO Global Asset Management, who oversees the firm's U.S. fund business, it relies on intermediaries to self its funds -- its sales channels include registered investment advisors, wire houses, and 401(k) plans.

BMO, which runs \$272 billion globally, has been using its reach to have some of its managers outside of North America run portfolios for investors domicited here, such as the \$409 million BIVO Pyford Intersational Stock fund (MISNX). With a total return last year of 0.5%, it bested more than 90% of its Lipper peers, though the three-year-old fund's performance wasn't ready as good in 2012 and 2013.

McInemey, who is based in Chicago and has worked for the company since 2009, says the next wave of growth will be among alternative funds and exchange-traded funds Alternatives, he says, provide returns "that aren't based on market conditions." Late last year, BMO launched its first U.S. retail fund in that space. <u>BMO Alternative Strategies.</u> (BMATX), a long-short fund that can also go into (or bet against) currencies and interest rates, as well as stocks and bonds

BMO ETFs make up 25% of the Canadian market, but Molnemey wouldn't divulge what plans 8WO has, if any, on cracking the ultracompetitive U.S. ETF market

#### Martin Flanagan

Invesco looks a lot different today than when Martin Flanagan took over the asset manager a decade ago. For one thing, à had a different name, Amvescap, which was changed in 2007.



Other changes were more substantive. Formerly the co-GEO of Eranklin Resources (BEN) Flanagas, now 54, termined costs and broadened the fund lineup, in 2006, the \$400 billion company acquired PowerShares, a small suite of ETFs with nearly \$4 billion in assets

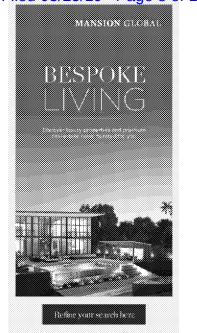
Today, Flanagan presides over \$792 billion in assets clobally. PowerShares ETFs, most of which are based on contraditional

indexes, have grown to \$100 billion in 134 ETFs, Invesco's performance has been strong, it placed third in both the one-year and five-year rankings, and fourth over 10 years. The fund lineup resembles a team with a lot of very good players but few superstars.

For its one-year tally, Invesco put up a very consistent record across the board, finishing no worse than 16th (world stocks) and 14th in municipal bonds. The other libree categories saw 11th-place results -- a lot of very good results that add-up to an exceptional ranking.

That well-rounded performance, says Flanegan, is an outgrowth of focusing on generating consistent, good long-term performance within a broad range of capabilities."

Flanagan is matter-of-fact about the path he has charted, noting, for example, that offening alternative funds -- the firm has \$100 billion in such areas as private-equity, real estate and multi-asset funds -- is a common-sense strategy. Multi-al funds are a foi more transparent and sell "at a fraction of the cost people would pay" for hedge funds, he says.



BARRONS INVESTMENT INSIGHTS FOR A NEW ERA

PRESIDENTS DAY SALE \$1 FOR 8 WEEKS

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generaling consistent, good long-reint performance within a proad range of capabilities

Case 1:16-cv-00375-FRG-JJM-Document-95-43 Filed 03/25/19 Page 9 of 13

alternative funds - the firm has \$100 billion in such areas as private-equity, real estate, and multi-asset funds -- is a common-sense strategy. Mutual funds are a lot more transparent and self "at a fraction of the cost people would pay" for hedge funds, he says.

Invesco's role in retirement planning, Flanagan says, is to help financial advisors answer the question. "Where can I find income?" The firm has developed online tools for individual investors as well

#### Kevin Barr

Another dark horse made it into the top tive this year. SEI Group, a midsize money manager, with \$117 billion in 50 U.S. mutual funds.



Flying under the radar is just fine with Kevin San: 48, who has overseen the company's investment-management unit since 2008. "it's not a scenario in which we have one hot fund and go out and market that fund." instead, SEI works with financial advisors, wealth managers, and other fund companies to create customized products aimed at "solving" investor concerns, such as managing risk or providing income in

Launched in 1968, the parent company, SELInvestments (SEIC), started with comparer simulations used to help train bank-loan officers, and it retains many of its bank information-technology roots. Besides asset management, the Oaks, Pa., firm offers a range of back-office services for banks, trust companies, and other clients

Some 90% of SEI's mutual funds are subadvised, often by several managers with different styles, with the expectation of increasing the portfolio's diversification. That worked especially well last year, "when you had a lot of unexpected volatility," Barr says. AGR Capital Management, a quantitative shop headed by famed investor Clifford Asness manages 75% of the \$2.1 billion SEI Multi-Asset Accumulation (SAAAX). The fund, launched in 2012, returned 9.6% in 2014, besting more than 90% of its Lipper peers

Barr's unusual perspective as both a fund shop and client of fund shops encourages a big-picture view. He expects investors to demand more portfolio transparency, which will fuel the growth of alternative mutual funds versus hedge funds. He also expects investor focus to be on absolute returns, "as opposed to beating a benchmark." And then there's the latest buzzword, "solutions" - funds constructed to realize specific objectives, such as inflation protection or income.

#### Nora M. Everett

Principal Financial Group (PPG) began as a life insurer in 1979. Nowadays, however, it's much more focused on asset management and retirement, whose combined operating profit is more than three times as big as its U.S. insurance business.



Principal Funds oversees \$120 billion, \$42 billion of which is in target-date or targetrisk funds. Both are funds of funds aimed at getting investors to a particular goal -either an increasingly conservative allocation as the fund's target date nears, or a continuing level of high, moderate, or low risk, "That's our bread and butter," says Nora M. Everett, 55, president and CEO of Principal Funds

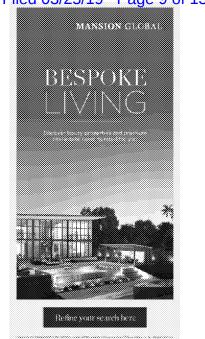
Most of the \$26 billion in those target-date funds are in 401(k) and other retirement plans. Principal is the sixth-largest in terms of larget-date assets, behind behemoths like

The Des Moines, lowa, firm's retail funds are mainly sold through financial advisors, and so come with sales charges. Many of these funds are retirement-opented, as well, such as the \$10 billion Principal Global Diversified Income (FGBAX). Launched in 2008, it invests in multiple managers providing different types of income, such as high-yield bonds

A lawyer by training who joined the company in 1991, Everett worked for Principal in mergers and acquisitions and helped carry out its initial public offering in 2001. She assumed her current post in 2008

In recent years, Principal has added funds focusing on income, real estate, and long-short equity. \*There are a lot crose good conversations taking place swigs between advisor

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BARRONS INVESTMENT INSIGHTS FOR A NEW ERA

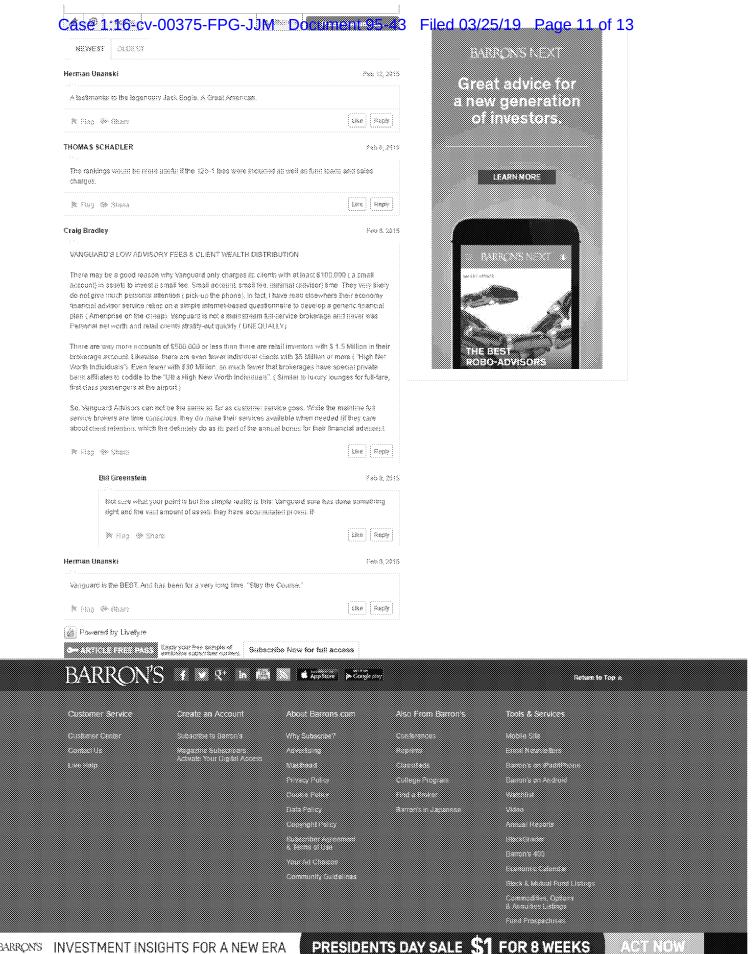
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Document title: Barrons/Lipper Fund Family Ranking: Dressing Up 2014 - Barron's Capture URL: http://www.barrons.com/articles/barrons-lipper-fund-family-ranking-dressing-up-2014-1423295941 Capture timestamp (UTC): Tue, 07 Feb 2017 20:35:17 GMT

BARRON'S INVESTMENT INSIGHTS FOR A NEW ERA

## Pimco Tops Five-Year Ranking for the Second Year in a Row: Vanguard Rises to No. 11 Case 1:16-cv-00375-FPG-JJM Document 95-43 Filed 03/25/19 Page 12 of 13 Strong performance in Pimco's stock funds miligated woes in its biggest band fund. Waddell, Invesco, Ivy, and T. Rowe all did well over 10 years, Ioo.

Rank	Family	Weighted Score	Rank	Family	Weighted Score	Rank	Family	Weighted Score
1.	Pimco	74.73	20.	Goldman Sachs Asset Mgmt	58.97	39.	Wells Fargo Funds Mgmt	52.09
2.	Waddell&Reed Invst Mgmt	71.32	21.	Virtus Investment Partners	58.39	40.	Prudential Investments	50.91
3.	Invesco	70.87	22.	LeggMason	57.72	41.	Thrivent Financial for Lutherans	50.83
4.	lvy Investment Management	69.13	23.	Lord Abbett	57.03	42.	American Funds	50.52
5.	T. Rowe Price Associates	68.67	24.	BlackRock	56.88	43.	American Century Invet Mgmt	49.92
8.	Putnam lovestment Mgmt	67.00	25.	Columbia Mgmt	56.40	44,	Calvertinvestments	47.31
¥.	Delaware Management	88.50	26.	Fidelity Mgmt & Research	56.33	45.	Eaton Vance Management	46.38
8.	TIAA-CREF	86.38	27.	Northern Trust Investments	56.17	46.	Nationwide Fund Advisors	46.13
9.	Principal Funds	06.29	28.	Guggenheim Investments	56.06	47.	Victory Capital Management	46.09
10.	Dimensional Fund Advisors	85.40	29.	USAA Asset Management	55.93	48.	PioneerinvestmentMgmt	45.92
11.	Vanguard Group	85.36	30.	MainStay Funds	55.45	49.	Affiliated Managers Group	44.93
12.	PNC Funds	64.03	31.	SEl Group	55.05	50.	BNY Mellon/Dreyfus	44.23
13.	MFS Investment Management	63.22	32.	RidgeWorth Funds	54.60	51.	Russellinvestment Group	4183
14.	Oppenheimer Funds	63.12	33.	AillanceBernstein	54.30	52.	Deutsche Asset & Wealth Mgmt	36.80
15.	JPMorgan	62.24	34.	Franklin Templeton	53.43	53.	Frost Investment Advisors	34.55
16.	Nuveen Fund Advisors	61.21	35.	GE Asset Management	53.27	54.	Wilmington Funds	33.73
17.	First investors Management	59.52	36.	State Street Bank & Trust	52.38	55.	Manning & Napler Advisors	27.30
18.	John Hancock Group	59.19	37.	Federated investors	52.17	56.	State Farm Investment Mgmt	24.78

## Consistency Rules the 10-Year Ranking

59.01

19. Hartford Funds

Eaton Vance and Vanguard inched up to crack the top 10, but the rest is largely the same as last year, Waddelf tops this list; last year it was sister firm lyy.

38. UBS Global Asset Management

52.14

Rank	Family	Weighted Score	Rank	Family	Weighted Score	Rank	Family	Weighted Score
1.	Waddell & Reed Invst Mgmt	91.78	17.	BlackRock	63.75	33.	First Investors Management	51.09
ã.	John Hancock Group	79.87	18.	Columbia Mgmt	63.56	34.	GE Asset Mgmt	49.88
3.	lvy Investment Management	79.57	19.	American Funds	63.14	35.	LeggMason	49.65
4.	Invesco	75.90	20.	Principal Funds	82.85	36.	Pioneer investment Mgmt	49.12
5.	MFS investment Management	74.22	21.	LordAbbett	60.34	37.	AllianceBernstein	47.87
6.	T Rowe Price Associates	72.71	22.	Nuveen Fund Advisors	59.50	38.	PNC Funds	44.76
7.	JPMorgan	71.68	23.	Federated Investors	59.50	39.	State Farm Investment Mgmt	43.63
8.	RidgeWorth Funds	71.20	24.	American Century Invet Mgmt	56.32	40.	Nationwide Fund Advisors	42.42
9.	Eaton Vance Management	70.75	25.	Dimensional Fund Advisors	55.88	41.	USAA Asset Management	42.40
10.	Vanguard Group	69.95	26.	Northern Trust investments	54.77	42.	Wilmington Funds	40.22
11.	Delaware Management	68.46	27.	Virtus Investment Partners	54.09	43.	UBS Global Asset Mgmt	40.18
12.	Wells Fargo Funds Management	67.71	28.	Hartford Funds	54.04	44.	SEl Group	38.92
13.	MainStay Funds	65.96	29.	Goldman Sachs Asset Mgmt	53.27	45.	BNY Mellon/Dreyfus	38.90
14.	Prudential Investments	65.68	30.	Putnam Investment Mgmt	53.28	46.	Deutsche Asset & Wealth Mgmt	38.57
15.	Fidelity Mgmt & Research	65.33	31.	Oppenheimer Funds	52.42	47.	Calvert investments	36.25
16.	Franklin Templeton	63.87	32.	Thrivent Financial for Lutherans	51.38	48.	Russellinvestment Group	35.42

## The Best Fund Families 1916 2000 6875-FPG-JJM Document 95-43 Filed 03/25/19 Page 13 of 13

Long known for its index funds, this year's winner, Vanguard, was propelled to the top by the outperformance of its actively managed funds. The top 10 spots don't have any repeats from last year.

			FUND RANKING								FUND RANKING					*		
Rank Family	Total Assets (bil)*	Weighted Score	U.S. Equity			Taxable Bond	Tex- Exempt Bond	Phone	Rank	Family	Total Assets (bil)*	Weighted Score	U.S. Equity	Work Equit		Taxable Bond	Tax- Exempt Bond	Phone
Vanguard Group	\$2343.40	73.48	3	27	4	4	24	800-662-7447	34.	AllianceBernstein	55.70	52.71	37	39	51	3	49	800-221-5672
2. BMO Global Asset Mgmt	7.54	67.23	31	2	25	5	13	800-236-3863	35.	USAA Asset Management	52.73	52.63	20	36	57	13	17	800-531-8722
3. Invesco	216.76	67.17	11	16	11	11	14	800-983-0903	36.	Natixis Global Asset Mgmt	163.92	52.33	30	 51	13	52	37	800-225-5478
4. SElGroup	80.73	63.56	13	19	31	7	42	800-342-5734	37.	State Street Bank & Trust	85.33	51.95	23	30	35	57	41	800-997-7327
5. Principal Funds	141.16	63.29	12	21	20	21	11	800-222-5852	38.	Eaton Vance Management	69.28	51.86	50	42	21	23	6	800-262-1122
6. BlackRock	752.30	62.93	6	22	36	9	43	800-474-2737	39.	SIT Investment Associates	2.50	50.83	24	49	7	64	3	800-332-5580
7. Goldman Sachs Asset Mgmt	101.32	62.72	1	28	62	19	12	800-621-2550	40.	John Hancock Group	168.00	49.65	47	23	42	28	30	800-225-5291
8. American Century Invst Mgmt	112.26	62.25	8	48	8	25	48	800-345-2021	41.	NFS investment Management	183.11	49.48	58	12	39	17	26	800-225-2606
<ol> <li>UBS Global Asset Management</li> </ol>	12.42	61.26	25	7	12	39	34	888-793-8637	42.	Federated Investors	56.36	49,39	27	34	48	42	35	800-245-5051
10. LeggMason	113.42	60.78	38	41	23	2	19	800-822-5544	43.	lvyInvestmentManagement	57.98	48.68	33	- 8	85	43	50	800-777-8472
11. LordAbbett	113.03	60.76	36	25	41	1	9	888-522-2388	44.	Doutsche Asset & Wealth Mgmt	35.47	48.43	42	45	37	46	22	800-728-3337
12. JPMorgan	286.93	60.40	2	44	28	44	54	800-480-4111	45.	Oppenheimer Funds	193.94	47.89	32	58	44	38	5	800-225-5677
13. Pimce	392,32	60.34	4	13	48	29	47	888-877-4626	46.	RidgeWorth Funds	19.33	47.77	45	62	22	37	20	888-784-3863
14 Delaware Management	40.76	59.87	10	60	19	16	18	800-523-1918	47.	Wilmington Funds	3.20	47.33	44	15	58	36	38	800-338-9970
15. Victory Capital Management	16.40	59.40	7	5	5	65	59	800-539-3863	48.	Affiliated Managers Group	88.36	47.20	53	11	34	58	7	800-548-4539
16 T. Rowe Price Associates	525.43	58.88	40	8	15	33	29	800-838-5660	49.	Schroder Invst Mgmt N. Amer.	3.27	47.16	19	53	83	41	1	800-464-3108
17. Nuveen Fund Advisors	46.06	58.26	21	50	16	24	10	800-257-8787	50.	Waddell & Reed Invst Mgmt	24.16	46.67	48	4	56	53	56	888-923-3355
18. Fidelity Mgmt & Research	1256.52	57.71	29	33	24	22	32	800-544-8544	51.	First Investors Mgmt	8.52	46.40	59	9	33	55	45	800-423-4026
19 Guggenheim investments	36.53	57.89	18	59	1	48	8	800-888-2461	52.	Transamerica Asset Mgmt	39.28	46.11	55	35	40	27	2	800-851-9777
20. Prudential investments	49,71	57.49	26	38	27	15	36	800-225-1852	53.	BNY Mellon/Dreyfus	67.90	45.89	57	40	18	46	33	800-645-6581
21. Calvert Investments	9.82	57.34	15	52	8	30	61	800-368-2745	54.	Russell Investment Group	43.48	44.68	39	31	80	47	39	800-787-7354
22. Northern Trust Investments	39.68	56.92	17	46	17	34	40	800-595-9111	55.	Nationwide Fund Advisors	19.82	44.62	41	24	55	49	57	800-848-0920
23. Thrivent Financial for Lutherans	16.83	56,60	34	18	38	12	52	800-225-5225	56.	Neuberger Berman Mgmt	36.64	43.95	60	14	53	31	15	800-877-9700
24 PNCFunds	2.90	56.40	9	43	30	51	28	800-551-2145	57.	FrostlinvestmentAdvisors	2.95	43.71	46	65	6	54	63	877-713-7678
25. Brown Advisory Funds	5.08	56.25	61	10	3	6	62	800-540-6807	58.	Main Stay Funds	72.61	43.51	51	20	59	50	4	800-624-6782
26 GEAsset Management	18.30	55.53	- 5	64	14	26	53	800-242-0134	59.	Franklin Templeton	399.90	39.63	52	54	54	35	25	800-342-5236
27. American Funds	1205.48	53,69	49	17	10	40	51	800-421-0180	60.	Dimensional Fund Advisors	241.38	39.46	54	47	64	18	55	**
28. TIAA-CREF	99.92	53,54	14	58	43	14	23	800-223-1200	61.	FolioMetrix	0.21	37.01	64	3	45	62	64	800-773-3863
29. Columbia Management	153.55	53.36	43	26	28	32	31	800-345-6611	62.	Wells Fargo Funds Mgmt	114.11	38.87	62	55	52	20	27	800-222-8222
30. Hartford Funds	64.69	53.33	28	29	29	56	18	888-843-7824	63.	AssetMark	3.31	34.46	56	37	49	60	58	800-664-5345
31. Pioneer Investment Mgmt	33.96	53.31	22	32	61	10	21	800-225-6292	64.	Virtus Investment Partners	32.49	32.42	65		50	61	60	800-243-4361
32. StateFarmInvestment Mgmt	16.35	53.27	35	57	32	8	44	800-447-4930	65.	Manning & Napler Advisors	19.64	21.97	63	63	47	63	65	800-468-3863
33. Putnaminvestment Mgmt	88.60	52.81	16	81	2	59	46	800-225-1581	*Total	assets reflect funds included in the survey. **	No 800 resento	er, avaitable n	miy throug	jh adviso	78.			Source: Lipper

### U.S. Equity

Goldman Sachs tops the list, but perhaps the surprise is Pirnco at No. 4.

Rank	Best	Score
**************************************	Goldman Sachs A. Mgmt	33.69
2.	JPMorgan	30.39
3.	Vanguard Group	29.70
4.	Pimco	28.88
5.	GE Asset Management	28.28
Rank	Worst	Score
61.	Brown Advisory Funds	12.53
62.	Wells Fargo Funds Mgmt	11.31
63.	Manning & Napier Adv	9.64
64.	FolioMetrix	9.54
65.	Virtus Invat Partners	5.51

### **World Equity**

Newcomer Victory scored well in the WorldEquity and Mixed Asset categories.

Rank	Best	Score
1.	Virtus Invst Partners	14.90
2.	BMO Global Asset Mgmt	14.82
3.	FolioMetrix	14.49
4.	Waddell&ReedlovstMgmt	14.39
5.	Victory Capital Mgmt	14.04
Rank	Worst	Score
61.	Putnaminyst Mgmt	4.12
62.	RidgeWorth Funds	2.90
63.	Manning & Napler Adv	1.54
64.	GEAssetMgmt	1.13
65.	Frost Investment Adv	0.61

#### **Mixed Asset**

Putnam has slid dramatically down the main list, but still looks good here.

Rank	Best	Score
1.	Guggenheim lavst	16.98
2.	Putnam Invst Mgmt	18.88
3.	Brown Advisory Funds	16,69
4.	Vanguard Group	16.48
5.	Victory Capital Mgmt	16,38
Rank	Worst	Score
61.	Pioneer Invst Mgmt	4.92
62.	Goldman Sachs A. Mgmt	4.74
63.	Schroderhyst Mgmt N. Am.	4.23
64.	Dimensional Fund Advisors	3.78
65.	lvyinvestmentMgmt	3.35

### Taxable Bond

Legg Mason's bond shop, Western Asset Management, turned in a superior 2014.

Rank	Best	Score
1.	LordAbbett	18.72
2.	Legg Mason	18.27
3.	AllianceBernstein	17.83
4.	Vanguard Group	16.15
5.	BMO Global Asset Mgmt	15.39
Rank	Worst	Score
61.	Virtus Invat Partners	5.09
82.	FolioMetrix	4.95
83.	Manning & Napler Adv	3.28
64.	SIT Investment Associates	2.00
85	Victory Capital Mgmt	1.52

#### Tax-Exempt Bond

Newcomer SiT Investment has just two muni funds; the largest is for Minnesota.

Rank	Best	Score
1.	SchroderhvstMgmtN.Am.	3.32
2.	Transamerica Asset Mgmt	3.30
3.	SIT Investment Associates	3.18
4	MainStay Funds	3.00
5.	Oppenhelmer Funds	2.94
Rank	Worst	Score
61.	Calvert Investments	0.41
82.	Brown Advisory Funds	0.24
63.	Frost Investment Adv	0.24
84.	FolioMetrix	0.17
65.	Manning & Napler Adv	0.07